

EnviroTech News - June, 2007 U.S.  
EPA Environmental Technology Opportunities Portal (ETOP)

Welcome to EnviroTech News, a service provided through EPA's Environmental Technology program by the Environmental Technology Opportunities Portal (ETOP). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnviroTech News feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnviroTech News as brief as possible while providing information relevant to your needs. This information, updated weekly, may also be found at <http://www.epa.gov/etop/funding>

#### GOVERNMENT FUNDING OPPORTUNITIES

##### ENVIRONMENTAL PROTECTION AGENCY

(New) EPA, ENERGY SUPPLY AND INDUSTRY BRANCH (ESIB) ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR PROGRAM SUPPORT ACTIVITIES FOR GLOBAL CLIMATE CHANGE. THIS SOLICITATION WILL BE AVAILABLE MID JUNE. ESIB focuses on removing barriers to investments in clean energy that prevent cost-effective clean energy policies and programs from reaching their full potential. Through this RFP, EPA seeks technical, administrative, and recruiting support to implement ESIB programs and assist in the development of new programs and initiatives as needed. The solicitation will open around mid-June 2007 and will be posted at: <http://www.epa.gov/oam/hpod> For more info, go to: <http://www2.fbo.gov/spg/EPA/OAM/HQ/PR%2DHQ%2D07%2D10956/listing.html> Refer to Sol# PR-HQ-07-10956.

EPA, OFFICE OF TRANSPORTATION AND AIR QUALITY, ANNOUNCES ITS INTENT TO REQUEST BIDS FOR CONDUCTING ECONOMIC IMPACT AND BENEFIT ANALYSES IN SUPPORT OF THE DEVELOPMENT OF MOBILE SOURCE AIR POLLUTION CONTROL REGULATIONS AND STANDARDS. EPA ANTICIPATES OPENING THE RFP IN EARLY MAY AND CLOSING IT 30 DAYS LATER. The mobile source standards may include standards for on-road and non-road engines and equipment, air toxics standards, renewable fuels standards, fuels standards and other regulatory standards. More info at: <http://www2.fbo.gov/spg/EPA/OAM/OH/PR%2DCI%2D07%2D10055/listing.html> Refer to Sol# PR-CI-07-10055.

EPA, OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) ANNOUNCES ITS INTENT TO SEEK BIDS FOR SERVICES TO SUPPORT OTAQ IN ACCOMPLISHING VARIOUS AIR QUALITY IMPROVEMENTS. EPA ANTICIPATES ISSUING THE RFP IN EARLY MAY 2007. Work areas will include both regulatory/compliance programs such as Transportation Conformity and Inspection/Maintenance and voluntary programs such as SmartWay Transport Program, Clean School Bus, and may include the development and advancement of future programs. More info at: <http://www2.fbo.gov/spg/EPA/OAM/OH/PR-CI-07-10295/SynopsisP.html> Refer to Sol# PR-CI-07-10295.

(New) EPA REGION 7 IS SOLICITING PROPOSALS FOR PROJECTS UNDER THE UNDER THE CLEAN AIR ACT. (CFDA 66.034). PROPOSALS DUE 7/9/07. The purpose of this notice for Indoor Air Quality Projects is to help increase the number of

people experiencing healthier indoor air in homes, schools and office buildings. Grants will be made) for research, investigations, experiments, training, demonstrations, surveys and studies related to the causes, effects, extent, prevention, reductions and elimination of air pollution in any of the following high priority subject areas: (1) IAQ Tools for Schools, (2) Asthma, or (3) ETS (Environmental Tobacco Smoke). More info at [http://www.epa.gov/region07/economics/r7\\_grant\\_opportunities.htm](http://www.epa.gov/region07/economics/r7_grant_opportunities.htm)

EPA SEEKS APPLICATIONS PROPOSING DEVELOPMENT AND EVALUATION OF INNOVATIVE APPROACHES TO QUANTITATIVELY DETECT PATHOGENS OR TOXIGENIC CYANOBACTERIA OR CERTAIN HIGH PRIORITY CYANOTOXINS IN DRINKING WATER. PROPOSALS DUE 7/10/07. The purpose of this request for applications is to improve the suite of available detection methods for known and emerging microbial drinking water contaminants including freshwater algae or its toxins. Any proposed method should be applicable to source water, treated water, and/or water in the distribution system. Approximately \$3.6 million will be awarded under this announcement for six grants, depending on the availability of funds and quality of applicants received. More info at [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_drinkingwater.html](http://es.epa.gov/ncer/rfa/2007/2007_star_drinkingwater.html)

(New) EPA SEEKS PROPOSALS FOR RESEARCH IN DEFAULT METHANE EMISSION FACTORS FOR SELECTED EQUIPMENT AND PROCESSES IN THE NATURAL GAS INDUSTRY. PROPOSALS DUE 7/16/07. Results of these studies will provide fundamental data on the natural gas industry that can be referenced and incorporated into the work of industry, domestic and international organizations, as well as the general public. The total estimated funding available for this competitive opportunity is approximately \$500,000 for up to three cooperative agreements. More info at <http://www.grants.gov/search/search.do?mode=VIEW&oppId=14049>

EPA SOLICITS APPLICATIONS FOR ITS REGIONAL ENVIRONMENTAL MONITORING AND ASSESSMENT PROGRAM. APPLICATIONS DUE 7/18/06. For the 2007 solicitation, EPA is seeking proposals which meet specific priority needs within EPA's Regions 1, 5, 8, and 10. Up to a total of \$1,536,000 is expected to be awarded across the 4 Regions. More info at [http://es.epa.gov/ncer/rfa/2007/2007\\_nheerl\\_remap.html](http://es.epa.gov/ncer/rfa/2007/2007_nheerl_remap.html)

(New) EPA, OFFICE OF RESEARCH AND DEVELOPMENT (ORD) AS PART OF ITS SCIENCE TO ACHIEVE RESULTS (STAR) PROGRAM, WITH NSF AND DOE, SEEKS PROPOSALS FOR RESEARCH DEALING WITH THE POTENTIAL IMPLICATIONS OF NANOTECHNOLOGY AND ENGINEERED NANOMATERIALS ON HUMAN HEALTH AND THE ENVIRONMENT. PROPOSALS DUE 8/22/07. Research areas include: the fate, transport and transformation of nanomaterials; and bioavailability and exposure of humans and other species to nanomaterials. Approximately \$12 million total is available for Approximately 30 awards. More info at [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_nanotech.html](http://es.epa.gov/ncer/rfa/2007/2007_star_nanotech.html)

(New) EPA, AS PART OF ITS SCIENCE TO ACHIEVE RESULTS (STAR) PROGRAM, SEEKS APPLICATIONS PROPOSING TO IMPROVE THE ABILITY OF EPIDEMIOLOGIC STUDIES TO LINK HEALTH OUTCOMES TO SOURCES AND COMPONENTS OF AIR POLLUTION. PROPOSALS DUE 9/11/07. This RFA provides an opportunity to link health studies with more advanced measurement and modeling approaches to strengthen the air quality and exposure aspects of epidemiologic studies. Anticipated funding is approximately \$5 million total for six awards. More at [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_part\\_matter.html](http://es.epa.gov/ncer/rfa/2007/2007_star_part_matter.html)

(New) EPA, AS PART OF ITS SCIENCE TO ACHIEVE RESULTS (STAR) PROGRAM, SEEKS PROPOSALS FOR RESEARCH THAT HELPS TO DEVELOP OF ENVIRONMENTAL HEALTH OUTCOME INDICATORS. PROPOSALS DUE 9/19/07. Key to the development of such indicators is a clearer understanding of the sequence of events that link changes in the environment to human exposure and adverse health outcomes. Anticipated funding amount is approximately \$2 million total for 4 awards. More info at [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_health\\_indicators.html](http://es.epa.gov/ncer/rfa/2007/2007_star_health_indicators.html)

#### DEPARTMENT OF AGRICULTURE

(New) THE U.S. DEPARTMENT OF ENERGY (DOE) AND USDA JOINTLY SOLICIT APPLICATIONS FOR FINANCIAL ASSISTANCE ADDRESSING RESEARCH AND DEVELOPMENT OF BIOMASS BASED PRODUCTS, BIOENERGY, BIOFUELS AND RELATED PROCESSES. APPLICATIONS DUE 7/11/07. Total estimated funding is \$18 million. More info at <http://www.grants.gov/search/search.do?oppId=14378&mode=VIEW>

USDA, COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE REQUESTS APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. FINAL PROPOSAL DUE DATES RANGE (10/9/06 - 8/14/07) VARY BY PROGRAM AREA. The NRI supports scientific research relevant to agriculture, food, the environment, and communities. 41 areas of interest identified, including but not limited to: Biobased Products and Bioenergy Production Research; Water and Watersheds; Global Change Initiatives; Air Quality; Rural Development; Agricultural Prosperity for Small and Medium-Sized Farms. \$181 million expected to be available, award range \$5K to \$1.5 million. Contact information varies by program area. For more info, contact [electronic@csrees.usda.gov](mailto:electronic@csrees.usda.gov) or go to: [http://www.csrees.usda.gov/funding/rfas/nri\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/nri_rfa.html) Refer to Sol# USDA-CSREES-NRI-000141.

USDA HAS ISSUED NUMEROUS REQUESTS FOR PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM (CIG). The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. RFPs are open in geographic areas including but not limited to: Puerto Rico, the Virgin Islands, the Pacific Islands, ID, ME, NC, KS, NB, OH, SD, MT and UT. Funding amounts and due dates vary by RFP. For more info, go to <http://www.grants.gov> and type CIG into the search field.

USDA THROUGH THE SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION PROGRAM (SARE) REQUEST GRANT APPLICATIONS FOR RESEARCH PROJECTS THAT ADDRESS CROP AND LIVESTOCK PRODUCTION AND MARKETING, STEWARDSHIP OF SOIL AND OTHER NATURAL RESOURCES, ECONOMICS AND QUALITY OF LIFE. APPLICATION DETAILS, DEADLINES, AND PERCENT SUCCESS VARY BY REGION AND PROGRAM. More info is available at <http://www.sare.org/grants/index.htm>

#### DEPARTMENT OF COMMERCE

THE U.S. DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY REQUESTS PROPOSALS FOR THE MEASUREMENT, SCIENCE AND ENGINEERING RESEARCH GRANTS PROGRAMS, WHICH INCLUDES BUT IS NOT LIMITED TO BUILDING RESEARCH GRANTS AND MANUFACTURING ENGINEERING LABORATORY GRANTS. RESPONSES DUE AT VARIOUS TIMES BETWEEN 7/1/07 and 9/30/07. For more info, contact Chris Hunton at [christopher.hunton@nist.gov](mailto:christopher.hunton@nist.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=12347> Refer to Sol# 2007-MSE-01

#### DEPARTMENT OF DEFENSE

THE OFFICE OF NAVAL RESEARCH ANNOUNCES ITS INTEREST IN RECEIVING PROPOSALS FOR LONG-RANGE SCIENCE AND TECHNOLOGY PROJECTS THAT OFFER POTENTIAL FOR ADVANCEMENT AND IMPROVEMENT OF NAVY AND MARINE CORPS OPERATIONS. RESPONSES ACCEPTED THROUGH 9/30/07. ONR is interested in funding meritorious research across a wide spectrum of science and engineering disciplines. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10957> Refer to Sol# BAA07-001.

THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY'S (DARPA) STRATEGIC TECHNOLOGY OFFICE (STO) HAS ISSUED A BROAD AGENCY ANNOUNCEMENT FOR RESEARCH, DEVELOPMENT, DESIGN, AND TESTING THAT DIRECTLY SUPPORTS THE STO. RESPONSES ACCEPTED THROUGH 12/31/08. Areas of interest include but are not limited to power harvesting technologies and devices, and next generation power generation systems, including electrodynamics and momentum tethers, and advanced solar systems. For more info, contact Patty Matyskiela at [Patricia.Matyskiela@darpa.mil](mailto:Patricia.Matyskiela@darpa.mil) or go to: <http://www1.fbo.gov/spg/ODA/DARPA/CMO/BAA07%2D01/SynopsisP.html> Refer to Sol# BAA07-01.

DOD BROAD AGENCY ANNOUNCEMENT WILL REMAIN OPEN UNTIL SUPERCEDED. The U.S. Army Engineer Research and Development Center (ERDC) is soliciting proposals for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. <http://www.grants.gov/search/search.do?oppId=2882&mode=VIEW>

#### DEPARTMENT OF ENERGY

DOE ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR CONCENTRATED SOLAR POWER TECHNOLOGIES. THE TENTATIVE CLOSE DATE OF THIS ANNOUNCEMENT IS UNANNOUNCED. Topic Areas being considered for inclusion in this RFP include: 1) Trough component manufacturing R&D, 2) Thermal storage R&D, and 3) Advanced CSP concepts. More info at: <http://e-center.doe.gov/doebiz.nsf/UNID/406B1EC7CD634A8E852572B4006E94E8?OpenDocument> Refer to Sol# DOE-SNOTE-070405-001.

(New) DOE, BUILDING TECHNOLOGIES PROGRAM, REQUESTS PROPOSALS FOR ENERGY EFFICIENT BUILDING TECHNOLOGIES APPLICATION CENTERS. RESPONSES DUE 7/3/07. Through this initiative, DOE seeks to establish geographically and climatically diverse Centers to deliver information on energy efficient building technologies, and promote advanced energy efficient building standards, codes and zero energy buildings. Up to \$4 million expected to be available, at least 2 awards anticipated. For more info, contact Angela

Bosley at [angela.bosley@netl.doe.gov](mailto:angela.bosley@netl.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/63D0EC70908B59ED852572DF004FE793?OpenDocument> Refer to Sol# DE-PS26-07NT43185.

DOE REQUESTS PROPOSALS FOR SOLID STATE LIGHTING - CORE TECHNOLOGIES. RESPONSES DUE 7/10/07. Areas of interest include: 1) Internal Quantum Efficiency; 2) Reliability and Defect Physics for Improved Emitter Lifetime and Efficiency; 3) Phosphors and Conversion Materials; 4) Extraction Efficiency; 5) Organic Light Emitter Research - High Efficiency, Low Voltage, High Luminance, Stable Materials and Structures; and 6) Strategies for Improved Light Extraction of OLEDs. Eligibility is unrestricted. \$3.75 million expected to be available, up to 5 awards anticipated. For more info, contact Janet Spaulding at [janet.spaulding@netl.doe.gov](mailto:janet.spaulding@netl.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/0ba000b968a07c9885256c3f0067b90d/7850b8048e62c5ad852572dd005560ec?OpenDocument> Refer to Sol# DE-PS26-07NT43130.

(New) DOE IS SEEKING APPLICATIONS FOR APPLIED RESEARCH IN THE SOLID-STATE LIGHTING (SSL) PRODUCT DEVELOPMENT PROGRAM. APPLICATIONS DUE 7/18/07. The objective is to support the development of SSL general illumination products that represent the state of the art in SSL performance. Areas of interest in this announcement include: 1) High Efficiency LEDs; 2) LED Based Integrated Luminaire; 3) Manufactured Materials - Phosphors, Encapsulants, and Mounting Materials for LEDs; 4) OLED Lighting Panel Design; 5) Low Cost Substrates and Encapsulation for OLEDs. Eligibility is unrestricted. More info at <http://e-center.doe.gov/iips/faopor.nsf/1be0f2271893ba198525644b006bc0be/37fba5a2098c4da9852572ec005074e5?OpenDocument>

(New) DOE IS SEEKING APPLICATIONS TO FURTHER BUILDING SCIENCE RESEARCH UNDER THE BUILDING AMERICA PROGRAM. APPLICATIONS DUE 7/31/07. The purpose is to find energy efficient solutions for new and existing housing that can be implemented on a production basis, with the goal of developing cost effective Net Zero Energy Homes by 2020. Total anticipated funding is approximately \$40 million to \$60 million. More info at <https://e-center.doe.gov/iips/faopor.nsf/UNID/E3797DD9D93EECF2852572F90054BD2B?OpenDocument>

(New) DOE, THROUGH THE SOLAR TECHNOLOGIES PROGRAM (SETP), SEEKS PROPOSALS THAT SUPPORT THE DEVELOPMENT OF CONCENTRATING SOLAR POWER (CSP) TECHNOLOGIES THAT ADDRESS MARKET BARRIERS FOR UTILITY-SCALE GENERATION OF ELECTRICITY. PROPOSALS DUE 8/9/07. Three main Topic Areas of interest are: (1) thermal storage; (2) trough component manufacturing; and (3) advanced CSP systems and/or components. DOE anticipates awards ranging from \$250,000 to \$5,250,000. More info at <http://www.grants.gov/search/search.do?mode=VIEW&oppId=14079>

(New) DOE REQUESTS PROPOSALS FOR THE DEMONSTRATION OF INTEGRATED BIOREFINERY OPERATIONS FOR PRODUCING BIOFUELS AND CHEMICAL/MATERIALS PRODUCTS. FINAL PROPOSALS DUE 8/14/07. Through this RFP, DOE seeks applicants to design, construct, build and operate/validate an integrated one-tenth scale biorefinery facility, that would be a prototype of a full-scale commercial operation, employing terrestrial lignocellulosic feedstocks for the production of some combination of liquid transportation fuel(s), biobased chemicals, and substitutes for petroleum-based feedstocks and products. \$200 million expected to be available, up to 10 awards anticipated. For more info, contact Melissa Wise at [melissa.wise@go.doe.gov](mailto:melissa.wise@go.doe.gov) or go to: <https://e->

[center.doe.gov/iips/faopor.nsf/UNID/64F7F0602108E9EE852572CE006DDAA9?OpenDocument](http://center.doe.gov/iips/faopor.nsf/UNID/64F7F0602108E9EE852572CE006DDAA9?OpenDocument) Refer to Sol# DE-PS36-07GO97003.

DOE, OFFICE OF SCIENCE, ANNOUNCES ITS CONTINUING INTEREST IN RECEIVING APPLICATIONS FOR SUPPORT OF WORK IN AREAS INCLUDING BUT NOT LIMITED TO BASIC ENERGY SCIENCES, HIGH ENERGY PHYSICS, AND BIOLOGICAL AND ENVIRONMENTAL RESEARCH AND ENERGY RESEARCH ANALYSES. RESPONSES ACCEPTED ON AN ONGOING BASIS, FINAL DUE DATE 10/1/07. Sub areas of interest include, but are not limited to, Climate Change Research, Materials Sciences and Engineering, Chemical Sciences and Energy Biosciences. Up to \$400 million expected to be available. Eligibility is unrestricted. For more info, contact Lori Jernigan at [Lori.Jernigan@science.doe.gov](mailto:Lori.Jernigan@science.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/7B7C4F49DCB4F01D852571FE006E53BE?OpenDocument> Refer to Sol# DE-PS02-07ER07-01.

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website: <http://e-center.doe.gov>

#### FEDERAL AVIATION ADMINISTRATION

FAA ACCEPTS UNSOLICITED RESEARCH PROPOSALS THAT ADDRESS LONG-TERM GROWTH AND SHORT-TERM TECHNICAL NEEDS OF CIVIL AVIATION. PROPOSALS ACCEPTED THROUGH 1/1/2012. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports Improvements in design, construction, operation, and maintenance of airports. For more info, contact Barbara Fuller at [barbara.fuller@faa.gov](mailto:barbara.fuller@faa.gov) or go to: <http://www.tc.faa.gov/logistics/grants/doc/FAA-06-01.doc> FAA is currently updating their Research Grant RFP interested applicants are asked to refer to Sol#97.2 until Sol# FAA-06-01 is posted.

#### NATIONAL SCIENCE FOUNDATION

NSF REQUESTS PROPOSALS FOR THE ENERGY FOR SUSTAINABILITY PROGRAM. PROPOSALS DUE 9/15/07. This program supports fundamental research and education in energy production, conversion, and storage which is focused on energy sources that are environmentally friendly and renewable. This program seeks to reduce world dependence on fossil fuels, reduce greenhouse gases, and promote sustainable energy. Eligibility is unrestricted. For more info, contact Cindy Lee at [cmlee@nsf.gov](mailto:cmlee@nsf.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11349> Refer to Sol# PD-07-7644.

NSF REQUESTS PROPOSALS FOR THE ENVIRONMENTAL SUSTAINABILITY GRANT PROGRAM. RESPONSES 9/15/07. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are compatible with sustaining natural systems, which provide ecological services vital for human survival. Eligibility is unrestricted. For more info, contact Cindy Lee at [cmlee@nsf.gov](mailto:cmlee@nsf.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11350> Refer to Sol# PD-07-7643.

NSF REQUESTS PROPOSALS FOR THE CLIMATE AND LARGE-SCALE DYNAMICS PROGRAM. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Research topics include, but are not limited to, processes that govern climate; the causes of climate variability and change; the development and use of climate models to diagnose and simulate climate, its variations, and changes. For more info, contact Jay Fein at [jfein@nsf.gov](mailto:jfein@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11699](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11699) Refer to Sol# PD-06-5740.

NSF REQUESTS PROPOSALS FOR ATMOSPHERIC CHEMISTRY RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Areas of interest include, but are not limited to, measurement and modeling of the concentration and distribution of gases and aerosols in the lower and middle atmosphere. Eligibility is unrestricted. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10764> Refer to Sol# PD-98-1524.

NSF REQUESTS PROPOSALS FOR PALEOCLIMATE RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability and future trends through improved understanding of the physical, chemical, and biological processes that influence climate over the long-term. For more info, contact David Verardo at [dverardo@nsf.gov](mailto:dverardo@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12727](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12727) Refer to Sol# PD-98-1530

NSF REQUESTS PROPOSALS FOR QUANTITATIVE ENVIRONMENTAL AND INTEGRATIVE BIOLOGY. PROPOSALS DUE 9/15/07. Areas of interest include but are not limited to, sustainability, environmental catalysis, and basic research related to green chemistry or the utilization of biorenewable resources. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10773> Refer to Sol# PD-05-1401.

US STATE DEPARTMENT

None current

DEPARTMENT OF TRANSPORTATION

None current

STATE AND OTHER ORGANIZATIONS

THE NATIONAL FISH AND WILDLIFE FOUNDATION REQUESTS APPLICATIONS FOR THE BUDWEISER RENEWABLE ENERGY AND WILDLIFE CONSERVATION RESEARCH PRIZE. RESPONSES DUE 6/29/07. This new prize will recognize and support a single innovative project that advances new technologies or practices that contribute to making renewable energy a practical energy alternative. \$100K available, 1 award anticipated. Eligibility is limited to academic institutions. More info at: [http://www.nfwf.org/AM/Template.cfm?Section=Browse\\_All\\_Programs&CONTENTID=4841&TEMPLATE=/CM/ContentDisplay.cfm](http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&CONTENTID=4841&TEMPLATE=/CM/ContentDisplay.cfm)

(New) FLORIDA POWER & LIGHT COMPANY REQUESTS PROPOSALS FOR NEW, VIABLE SOURCES OF RENEWABLE FIRM CAPACITY AND/OR ENERGY TO BENEFIT ITS CUSTOMERS. RESPONSES DUE 7/1/07. For more info, contact [Renewable\\_RFP@fpl.com](mailto:Renewable_RFP@fpl.com) or go to: <http://www.fpl.com/environment/gogreen/index.shtml>.

THE WATER ENVIRONMENT RESEARCH FOUNDATION (WERF) SEEKS PROPOSALS FOR ITS PROGRAM DISTRIBUTED AND DECENTRALIZED SYSTEMS: DETERMINING THE EXPECTED PERFORMANCE OF UNIT PROCESSES. PROPOSALS DUE 7/16/07. WERF has issued a proposal for research that would provide the decentralized wastewater treatment industry with a set of tools that can be applied to determine the expected performance of soil treatment unit to better protect water quality. The estimated funding amount is \$1 million total. More info at <http://www.werf.org/Content/NavigationMenu/Funding/OpenRFPs/default.htm>

THE WATER ENVIRONMENT RESEARCH FOUNDATION (WERF) SEEKS PROPOSALS FOR LONG-TERM STUDY ON LANDSCAPE IRRIGATION USING HOUSEHOLD GRAYWATER EXPERIMENTAL STUDY (PHASE 2). PROPOSALS DUE 7/31/07. The objective of this project is to better understand fate and occurrence of graywater chemical constituents and pathogens and their potential impacts on soil and groundwater quality. Estimated funding is \$373,500. More info at <http://www.werf.org/Content/NavigationMenu/Funding/OpenRFPs/default.htm>

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) REQUESTS PROPOSALS FOR THE NEXT GENERATION EMERGING TECHNOLOGIES FOR RESIDENTIAL BUILDINGS. RESPONSES DUE 9/20/07. Through this initiative, NYSERDA seeks feasibility research, product development and demonstration projects for residential buildings. The technologies should promote improvement to the production, distribution and durability of the energy systems in the building. \$1.5 million expected to be available, award range depends on project category. All, or none, of the available funds could be awarded in either round. For more info, contact Greg Pedrick at [gap@nyserda.org](mailto:gap@nyserda.org) or go to: <http://www.nyserda.org/Funding/funding.asp?i=2> Refer to PON# 1126.

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT ENVIRONMENTALLY PREFERRED POWER SYSTEMS TECHNOLOGIES, ENERGY STORAGE DEMONSTRATIONS, AND ENVIRONMENTAL IMPACT ASSESSMENTS / MITIGATION TECHNIQUES. ROUND 2 PROPOSALS DUE 10/17/07. Total available funding is \$7.25 million. More info at <http://www.nyserda.org/Funding/funding.asp?i=2> See PON 1118.

(New) THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) REQUESTS PROPOSALS FOR THE BIO-FUEL STATION INITIATIVE: DRIVING ENERGY INDEPENDENCE FOR THE EMPIRE STATE. APPLICATIONS ACCEPTED UNTIL FUNDS ARE EXHAUSTED OR UNTIL 5/2/08, WHICHEVER COMES FIRST. The goal of this initiative, which is partially funded by a U.S. Department of Energy State Energy Program, is to increase the number of retail E85 and Blended Biodiesel service stations in NY. The initiative will reimburse 50% of the costs, NTE \$50K per site, for new installations of biofuels dispensing equipment, storage tanks, and associated piping equipment. It is estimated approximately 300 new retail E85 ethanol and/or blended biodiesel fueling stations will be opened as a result of this initiative. Up to \$9 million expected to be available. For more info, contact Patrick Bolton at [ppb@nyserda.org](mailto:ppb@nyserda.org) or go to: <http://www.nyserda.org/Funding/funding.asp?i=2> Refer to PON# 1093.



(New) THE RENEWABLE FUELS FOUNDATION (RFF) REQUESTS PROPOSALS FOR RESEARCH, AND FOR THE STRATEGIC POLICY NEEDS, OF THE U.S. ETHANOL INDUSTRY AND RELATED MARKETS. RFF is the education and research arm of the Renewable Fuels Association, a national trade association representing the ethanol industry. Areas of interest include, but are not limited to: 1) R&D: Feedstocks for cellulosic ethanol; storage and transportation; environmental impacts of cellulosic ethanol. 2) Policy: Economic impact studies; food versus fuel debate; transportation & distribution; analysis of oil production. Individual awards NTE \$75K, proposals accepted on a continual basis. For more info, contact RFF at (202) 289-3835 or go to: <http://www.ethanolrfa.org>

WORLD COMMUNITY GRID IS SOLICITING PROPOSALS TO ACCELERATE HUMANITARIAN RESEARCH VIA THE INTERNET. The goal is to support innovative efforts that will benefit most from this technology and deliver significant results on a variety of issues facing the global community. Areas of interest include new and existing infectious disease research, genomic and disease research, natural disasters and hunger, and environmental research. Five or six research projects conducted for public and nonprofit purposes will be awarded. More information is available at: [http://www.worldcommunitygrid.org/projects\\_showcase/viewSubmitAProposal.do](http://www.worldcommunitygrid.org/projects_showcase/viewSubmitAProposal.do)

#### NEWS and ACTIVITIES

STORMWATER CLEARING HOUSE: The University of Massachusetts has developed a searchable database containing validated performance data and technical information on innovative stormwater treatment technologies. The database can be accessed at an interactive website, <http://www.mastep.net> The clearinghouse is still being populated with information - any comments that you may have are welcome and should be sent to Jerry Schoen at 413-545-5532 or [jschoen@tei.umass.edu](mailto:jschoen@tei.umass.edu)

The ARSENIC VIRTUAL TRADE SHOW is a learning portal designed to help water systems comply with EPA's Arsenic Rule. Vendor Sign-up: <http://cfpub.epa.gov/safewater/arsenic/arsenictradeshow/>

#### ETV VERIFICATIONS

ETV has completed verification testing and reports for 387 innovative environmental technologies! For a full list of ETV verifications, visit <http://www.epa.gov/etv/verifications/verification-index.html>

#### ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

Diesel Engine Retrofit Emissions Control Technologies: Retrofit technologies that control emissions of particulate matter, nitrogen oxides, hydrocarbons, or carbon monoxide from heavy duty diesel engines. Technologies include add-on devices such as exhaust catalysts and particulate matter filters, engine modifications, selective catalytic reduction systems, fuel modifications and reformulations, alternative fuels, and lubricants used on mobile diesel engines and some categories of stationary engines. Verification of these technologies, when used to reduce nitrogen oxide emissions, is of interest to the Texas' New Technology Research and Development (NTRD) Program, as well as

others. Interested vendors should contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org) For more information on the NTRD Program, please contact Rudy Smaling, Houston Advanced Research Center, at (281) 364-4036 or [rsmaling@harc.edu](mailto:rsmaling@harc.edu)

**Fabric Filter Media:** Filter media used in baghouses to control fine particulate matter. For more information, please contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org)

**Ventilation Air Cleaning or Filtration Technologies:** Verifications can include ASHRAE 52.2-type efficiency testing for particles from 0.3 to 10 microns, efficiency testing for particles from 0.03 to 10 microns, and efficiency testing for bioaerosols (fungi, bacteria, and virus). For more information, please contact Debbie Franke, RTI, at (919) 541-6826 or [dlf@rti.org](mailto:dlf@rti.org)

#### ETV ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The AMS Center, operated by Battelle, is soliciting vendors and collaborators for the following technologies:

**Leak Detection and Repair:** Vendors are invited to participate in verification testing of leak detection and repair (LDAR) imaging devices. This is product-specific testing for portable, hand-held models that detect petroleum products and chemical leaks in real-time. This technology evaluation is investigating alternatives for Method 21 leak detection and increasing greater acceptance of these alternatives. For more information, please contact Anne Gregg, Battelle, at (614) 424-7419 or [gregga@battelle.org](mailto:gregga@battelle.org)

**Soil Rapid Toxicity Technologies:** For more information, please contact Mary Schrock, Battelle, at (614) 424-4976 or [schrock@battelle.org](mailto:schrock@battelle.org)

**Monitoring Technologies:** Technologies for monitoring contaminants in air, water, and soil. For more information, please contact Ann Louise Sumner, Battelle, at (614) 424-3973 or [sumnera@battelle.org](mailto:sumnera@battelle.org)

#### ETV DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors and partners to participate in verification testing of emerging innovative and alternative technologies used in drinking water treatment. DWS can help vendors needing product-specific testing for models of membrane filters (microfiltration, ultrafiltration, nanofiltration or reverse osmosis) to meet the requirements of EPA's Long Term 2 Enhanced Surface Water Treatment Rule (LT2).

Surveys of state drinking water regulators have found that ETV helps vendors with new, alternative, and innovative technologies to attain greater acceptance of their technologies.

For more information, please contact Bruce Bartley, NSF, at (734) 769-5148 or [bartley@nsf.org](mailto:bartley@nsf.org)

#### ETV GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute, is soliciting collaborators and vendors of the following technologies for independent performance verification testing:

**Greenhouse Gas Emission Reductions for the Semiconductor Processing Industry:** Technologies associated with semiconductor processing that reduce emissions of greenhouse gases (e.g., emission abatement equipment, alternate solvents, process improvements). For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

**Distributed Electrical Generation and Combined Heating/Cooling and Power Technologies:** Technologies associated with distributed electrical generation (e.g., fuel cells, Stirling engines, reciprocating engines), including combined heating/cooling and power applications (e.g., waste heat recovery for space heating, water heating, chillers/refrigeration, dehumidification, etc.) utilizing various fuels (natural gas, hydrogen, biofuels, etc.). For more information, please contact Bill Chatterton, Southern Research, at (919) 806-3456 or [chatterton@sri.org](mailto:chatterton@sri.org)

**On-Board Idle Reduction Technologies:** On-board idle reduction technologies for in-use testing and data collection using standard testing protocols for idle reduction technology performance, including: emission reductions, fuel economy improvements, ability to perform cab heating and cooling and meet auxiliary loads, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. Example technologies include: auxiliary power units/gensets (diesel, fuel cell, others), fuel-/battery-operated heaters, cab cooling systems, and others. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

**Fuel Efficient Technologies for Heavy and Light Duty Vehicles:** These technologies include hybrids, engine and driveline lubricants, novel transmissions (CVTs and others), idle reduction, and other technologies that reduce fuel consumption. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

**Diesel Hybrid Technologies:** Hybrid powertrains and advanced transmissions for testing and data collection using standard testing protocols for in-use technology performance, including emission reductions, fuel economy improvements, vehicle performance, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

**Sustainable and Renewable Energy Technologies:** Advanced energy technologies that produce or use sustainable or renewable energy sources. Areas of interest include, but are not limited to: technologies for production and/or cleaning of biofuels from wastes, biomass, or agricultural processes; technologies that utilize biofuels from wastes, biomass, or agricultural processes to produce electric or mechanical power or provide heat for various end uses; novel, economical solar energy technologies, including photovoltaics for production of hydrogen; and small scale geothermal technologies. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

## ETV WATER QUALITY PROTECTION CENTER SOLICITS TECHNOLOGY VENDORS

The WQP Center, operated by NSF International, invites vendors to participate in verification tests of grouting and coating materials for infrastructure rehabilitation applications. Interested vendors should contact Tom Stevens, NSF, at (734) 769-5347 or [stevenst@nsf.org](mailto:stevenst@nsf.org)

Additional information on current open ETV vendor solicitations is available at <http://www.epa.gov/etv/vendors/vendannounce.html>

## STAKEHOLDER MEETINGS

August 16, 2007 -- The ETV Water Quality Protection Center, operated by NSF International, will host a meeting of the Ballast Water Stakeholder Advisory Group. Holiday Inn BWI Airport Conference Center, Baltimore, MD. For more information, please contact Tom Stevens, NSF, at (734) 769-5347 or [stevenst@nsf.org](mailto:stevenst@nsf.org)

## UPCOMING CONFERENCES AND MEETINGS

A complete list of ETV meetings, conferences, and presentations is available on the ETV Calendar at <http://www.epa.gov/etv/calendar/current.html>. Meetings that may be of particular interest at which ETV is exhibiting and/or participating are:

August 12-16, 2007 - The 13th Diesel Engine-Efficiency and Emissions Research (DEER) Conference. Detroit, MI. The DEER Conference, sponsored by the U.S. Department of Energy, is designed as a mechanism for public exchange of state-of-the-art clean diesel research and development. DEER brings together professional in the clean diesel community, including engineers, scientists, academics, state and regional regulators, environmental researchers, and nonprofit organizations. DEER is intended to foster exchange of information and best practices through presentations/posters on new and ongoing diesel research and development, and through networking with industry professionals. The ETV Air Pollution Control Technology Center plans to present a paper. For more information, please visit <http://www.eere.energy.gov>

September 5-6, 2007 -- The 2007 Clean Water Partnership Summit. Cincinnati, OH. The Summit is designed to foster partnerships between the EPA and private sector organizations. The event will focus on innovation in water research and development in the areas of drinking water, homeland security, sustainability, and ecosystems. The ETV Program will exhibit and participate at the Summit. For more information, please visit <http://www.htfwo.org/etprogram/summit07/>

September 9-12, 2007 --- The American Public Works Association (APWA) International Public Works Congress and Exposition. San Antonio, TX. This meeting is designed to bring together public works industry professionals from all over the world for educational programming, workshops, an exposition, and networking events to learn about the latest innovations, exchange ideas, and develop business relationships. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.apwa.net/meetings/congress/2007/>

October 7-10, 2007 -- The International City/County Management Association (ICMA) 93rd Annual Conference, Pittsburgh, PA. This conference will include

keynote addresses, educational sessions, workshops, and field demonstrations to provide participants with opportunities for acquiring new tools and techniques to address the problems facing communities and local government administrators. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.icma.org/main/sc.asp>

October 13-17, 2007 -- The 80th Annual Water Environment Federation Technical Exhibition and Conference (WEFTEC 2007), San Diego, CA. This annual meeting provides a forum for knowledge and technology in the water and wastewater fields. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.weftec.com/home.htm>

December 4-6, 2007 -- The Strategic Environmental Research and Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP) will host the annual "Partners in Environmental Technology Technical Symposium and Workshop, Meeting DoD's Environmental Challenges." Washington, DC. This event will feature more than 350 posters supporting technology transfer, exhibit booths offering information about funding opportunities, a special session providing a summary of SERDP and ESTCP program development and opportunities to conduct research and demonstrations, and networking with approximately 1,000 environmental professionals. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For preliminary technical session topics and other conference information, please visit <http://www.serdp.org/Symposium/>, or contact (703) 736-4548 or [partners@hgl.com](mailto:partners@hgl.com)

Visit the ETVoice Archive at <http://www.epa.gov/etv/etvoice/index.html> to catch up on information previously highlighted. The ETV Web Site, at <http://www.epa.gov/etv/> has additional information on the ETV Program covering general program topics, as well as detailed information on each of the ETV verification centers.

#### UPCOMING SMALL BUSINESS INNOVATION RESEARCH (SBIR) WORKSHOPS

Several of the events listed below are non-EPA sponsored events, EPA lists them for your information only and is not responsible for the content or the information distributed at the listed events. For more information about these events, go to the web address listed for each or go to: <http://www.zyn.com/sbir/cal/> or <http://www.ssti.org/Calendar/calendartext.htm>

July 12, 2007 -- SBIR/STTR 101 Introduction and Overview. Ann Arbor, MI. More info at: [http://www.bioconsultants.com/training\\_schedules.html#sbir101](http://www.bioconsultants.com/training_schedules.html#sbir101)

August 1-2, 2007 -- Regional SBIR/STTR conference. Albuquerque, N.M. For more information, contact [clow@lanl.gov](mailto:clow@lanl.gov)

August 21-22, 2007 -- SBIR/STTR cost proposal and government accounting workshops. Oakridge, TN and Nashville, TN. For more information, contact [kim.arms@tennessee.edu](mailto:kim.arms@tennessee.edu)

August 20-23, 2007 -- National SBIR Phase II Conference 2007. Hyatt Regency, Crystal City, VA. Beyond Phase II: Ready for Transition. At the 2007 National SBIR Phase II Conference, hundreds of Phase II companies ready to transition

will meet with hundreds of end users to discuss commercialization and create partnerships. More info at <http://www.dodsbir.com/conference/beyondphase2.htm>

August 21-22, 2007 -- SBIR/STTR Two-Day Intensive Workshop with NIH Focus. Pittsburgh, PA. More info at: [http://www.bioconsultants.com/training\\_schedules.html](http://www.bioconsultants.com/training_schedules.html) Contact [lisa@bioconsultants.com](mailto:lisa@bioconsultants.com)

August 21-23, 2007 -- SBIR Advance Summer Workshop. Pittsburgh, PA. SBIR Advance is an in-depth program covering all aspects necessary for writing winning grants to the federal government, specifically focused on, but not limited to the NIH. The program is designed to provide qualified life sciences entrepreneurs and early-stage research and development companies with: grant application strategy development; proposal writing assistance; one-on-one consultation and access to SBIR experts. More info at: <http://www.innovationpartnership.net/calendar.html#upcoming> Contact [pamelab@plsg.com](mailto:pamelab@plsg.com)

September 6-7, 2007 -- SBIR/STTR Two-Day Intensive Workshop with NIH Focus. Hershey, PA. More info at: [http://www.bioconsultants.com/training\\_schedules.html](http://www.bioconsultants.com/training_schedules.html) Contact [pamelab@pittsburghlifesciences.com](mailto:pamelab@pittsburghlifesciences.com)

September 20-21, 2007 -- SBIR/STTR Proposal Preparation Workshop NIH Specific Ann Arbor, MI. More info at: [http://www.bioconsultants.com/training\\_schedules.html](http://www.bioconsultants.com/training_schedules.html) Contact [info@bioconsultants.com](mailto:info@bioconsultants.com)

October 29 - November 1, 2007 -- Fall 2007 NATIONAL SBIR/STTR SBIR Conference. Richardson, TX. More info at [http://www.texasone.us/site/PageServer?pagename=nat\\_conference](http://www.texasone.us/site/PageServer?pagename=nat_conference)

#### UPCOMING EVENTS

#### JULY 2007 ITRC INTERNET-BASED TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of Internet-based training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation.

Upcoming courses:

- Vapor Intrusion Pathway: A Practical Guideline, 7/19/07

On-line course registration opens 4-6 weeks before each session. Go to <http://clu-in.org/studio/seminar.cfm#upcoming> To register for ITRC training hosted by EPA's Clu-In. Dates subject to change. If you have additional questions after completing the on-line registration form please call 402-201-2419 or e-mail [training@itrcweb.org](mailto:training@itrcweb.org)

ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Registration information for the ITRC's no cost

courses is available at: <http://www.clu-in.org/studio> or <http://www.itrcweb.org> Click on Internet-based Training or Contact Mary Yelken.

August 20-22, 2007 (Tentative) -- EPA Meeting on the Fate and Effects of Hormones in Waste from Concentrated Animal Feeding Operations (CAFOs). U.S. EPA Region 5 (Tentative) Conference Facility, Chicago, IL. EPA's National Center for Environmental Research will hold a meeting focused on 7 new STAR grants and cooperative agreements that will study the environmental transport, fate, and ecological effects of natural and synthetic steroid hormones that accompany discharges and the disposal of animal wastes from CAFOs. More info at <http://es.epa.gov/ncer/events/index.html#aug2007a>

September 5-7, 2007 -- Interagency Workshop on the Environmental Implications of Nanotechnology. Washington, DC. The Interagency Workshop on the Environmental Implications of Nanotechnology features presentations by EPA STAR, NSF, NIEHS, and NIOSH grant researchers who will discuss the latest science related to the potential effects of nanotechnology on human health and the environment. More info at <http://es.epa.gov/ncer/events/index.html#sep0507>

September 24-26, 2007 -- Call for Abstracts!! Fourth International Phytotechnologies Conference. Denver, CO. The sponsors are inviting abstracts for speakers and poster presentations. This conference is for regulators, researchers, consultants and site owners. The purpose of this conference is to understand which technologies using plants for environmental goals are currently effective, how best to integrate research science and field application, and what questions need further research. Abstracts for speakers and poster presentations are due May 31, 2007. For Abstract topics and requirements, see <http://www.phytosociety.org/> under Awards, Events, and Conferences.

Brownfields 2008 Call for Ideas. The U.S. EPA and International City/County Management Association (ICMA) co-sponsored National Brownfields Conference 2008 expects nearly 6,000 attendees, over 150 educational sessions, more than 200 exhibitors, and networking events. Abstracts, proposals for complete sessions, or simply an idea for the conference are being accepted through September 14. More information is available at <http://www.brownfields2008.org/en/Ideas.aspx>

September 24-25, 2007 -- Interpretation of Human Biomonitoring Data. Research Triangle Park, NC. Contact: Kathleen Deener [deener.kathleen@epa.gov](mailto:deener.kathleen@epa.gov), phone: 202-343-9852.

October 2-4, 2007 -- Call for Abstracts!! Desert Remedial Action Technologies Workshop, Phoenix, AZ. This will be the first EPA-sponsored workshop to focus on remedial technologies being successfully applied in desert environments. The program will emphasize field applications and case studies for technologies being applied to dissolved phase volatile organic compounds (VOCs), (specifically trichloroethene [TCE]), perchlorate, and chromium. Abstracts to be considered for placement in the program are due June 29. See <http://clu-in.org/techpubs.htm> to access the call for abstracts and the submission form. All inquiries regarding submission and content of abstracts should be addressed to Mary Aycock, [Aycock.Mary@epa.gov](mailto:Aycock.Mary@epa.gov), (415) 972-3289.

October 10-13, 2007 -- Children's Environmental Health Workshop. Washington, DC. Purpose: Building Bridges from Research Findings to Providing Health Care to Our Children, co-sponsored workshop on children's environmental health and progress review for the STAR grants. Contact: Nigel Fields [fields.nigel@epa.gov](mailto:fields.nigel@epa.gov), phone: 202-343-9767.

November 6, 2007 -- Scientific Session at the American Public Health Association on Consequences of Global Change on Human Health. Convention Center, Washington, DC. This session will present research on the potential impacts of climate variability and change on some health outcomes known to be associated with weather or ecological change: temperature-related morbidity and mortality; water-borne diseases; and vector-and rodent-borne diseases. The speakers, some of whom participated in the first Health Sector Assessment in 2001 under the United States Climate Change Science Program, will describe research supported by U.S. EPA's Science to Achieve Results grant program designed to build upon the assessment's conclusions. The interdisciplinary research teams all have partnered with a key stakeholder or end-user of the research results including, nonprofit organizations, citizens groups, and public health authorities and these collaborations also will be described. A description of EPA's role in the development of the 2001 Health Sector Assessment and current work on a second assessment document will motivate the research presentations. Contact Barbara Glenn, 202-343-9721

November 14, 2007 -- 2007 Southeast Regional Collegiate Environmental Science & Health Symposium. Atlanta, GA. EPA Region 4, EPA Office of Research and Development (ORD), and the Agency for Toxic Substances and Disease Registry/National Center for Environmental Health/Centers for Disease Control (ATSDR/NCEH/CDC) will host the second annual Southeast Regional Collegiate Environmental Science and Health Symposium, in Atlanta, Georgia. Contact Kara Belle (404) 562-8322, Tom Baugh (404) 562-8275, or Estella Waldman (202) 343-9803.

#### JOINING ENVIROTECHNEWS

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